

FIG. 1A

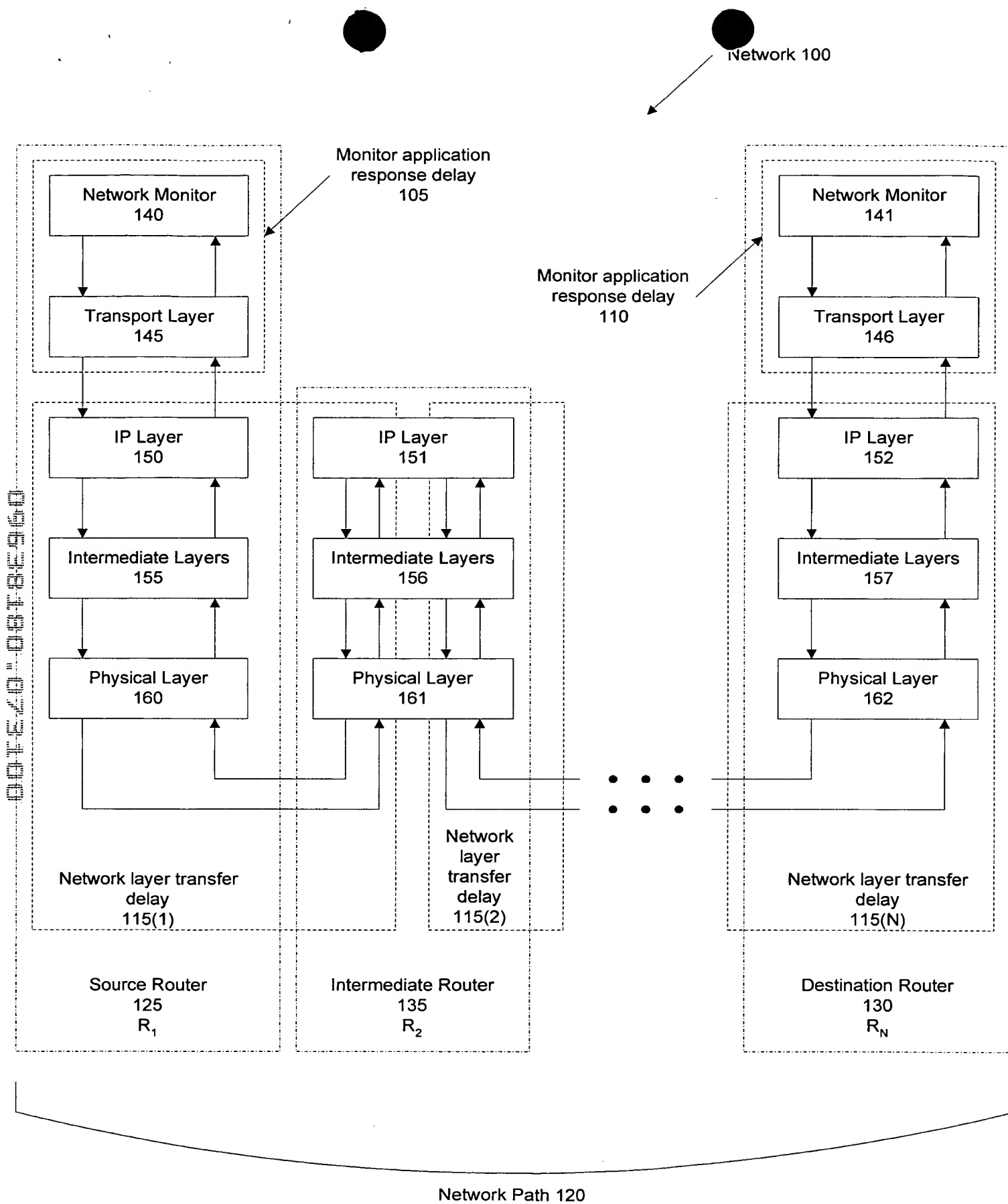


Fig. 1B

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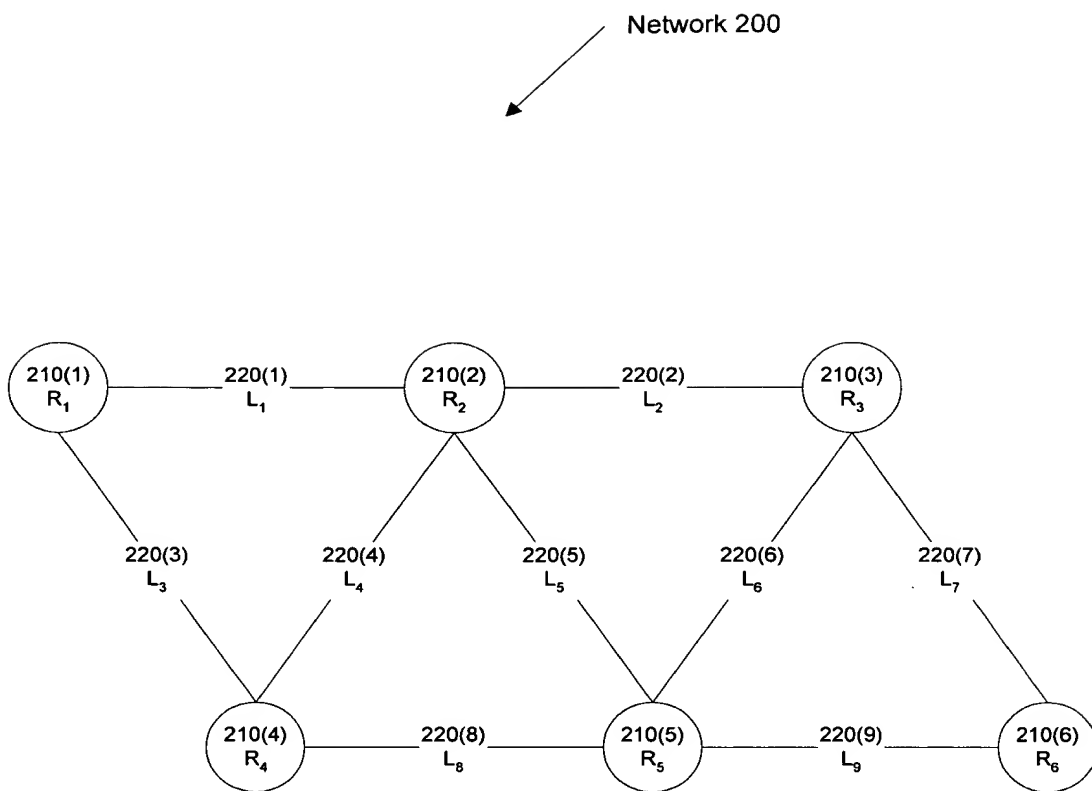


Fig. 2

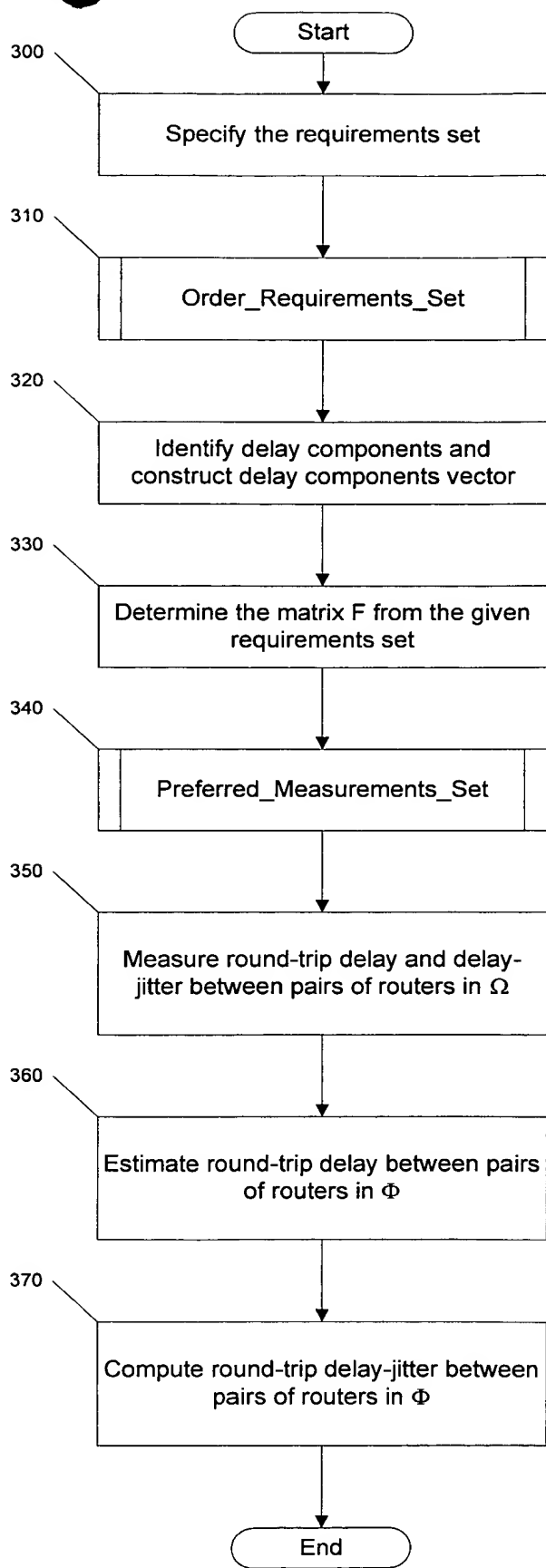


Fig. 3

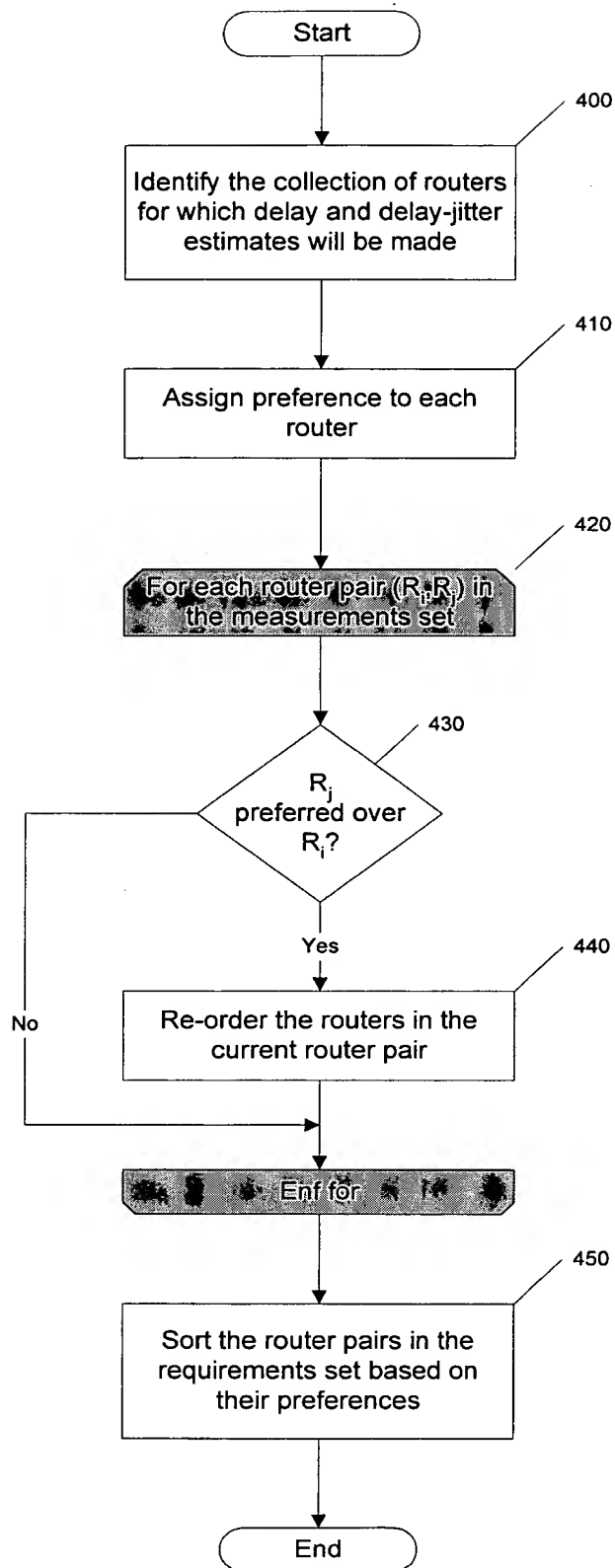


Fig. 4

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graph TD
    Start([Start]) --> 500[Initialize A matrix to the identity matrix]
    500 --> 505[While independent rows of F remain]
    505 --> 510[Identify next non-zero row of F]
    510 --> 515{Non-zero row of F successfully identified?}
    515 -- Yes --> 520[Re-arrange rows of F]
    520 --> 525[Re-arrange rows of A]
    525 --> 530[Re-arrange columns of A]
    530 --> 535[Re-arrange router pairs of Φ]
    535 --> 540[Find corresponding non-zero element F_k,i ≠ 0]
    540 --> 545[Prepare for pivoting]
    545 --> 550[Perform pivoting on F]
    550 --> 555[Perform pivoting on A]
    555 --> Join(( ))
    Join --> 560[Populate the measurements set with router pairs corresponding to the independent rows of F]
    Join --> EndFor([End for])
    560 --> 565[Define the vectors that allow the non-independent rows of F to be described in terms of the independent rows of F]
    565 --> 570[Return Q, Ω, α_k κ = Q+1, ..., P]
    570 --> End([End])
    515 -- No --> EndFor
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Fig. 5

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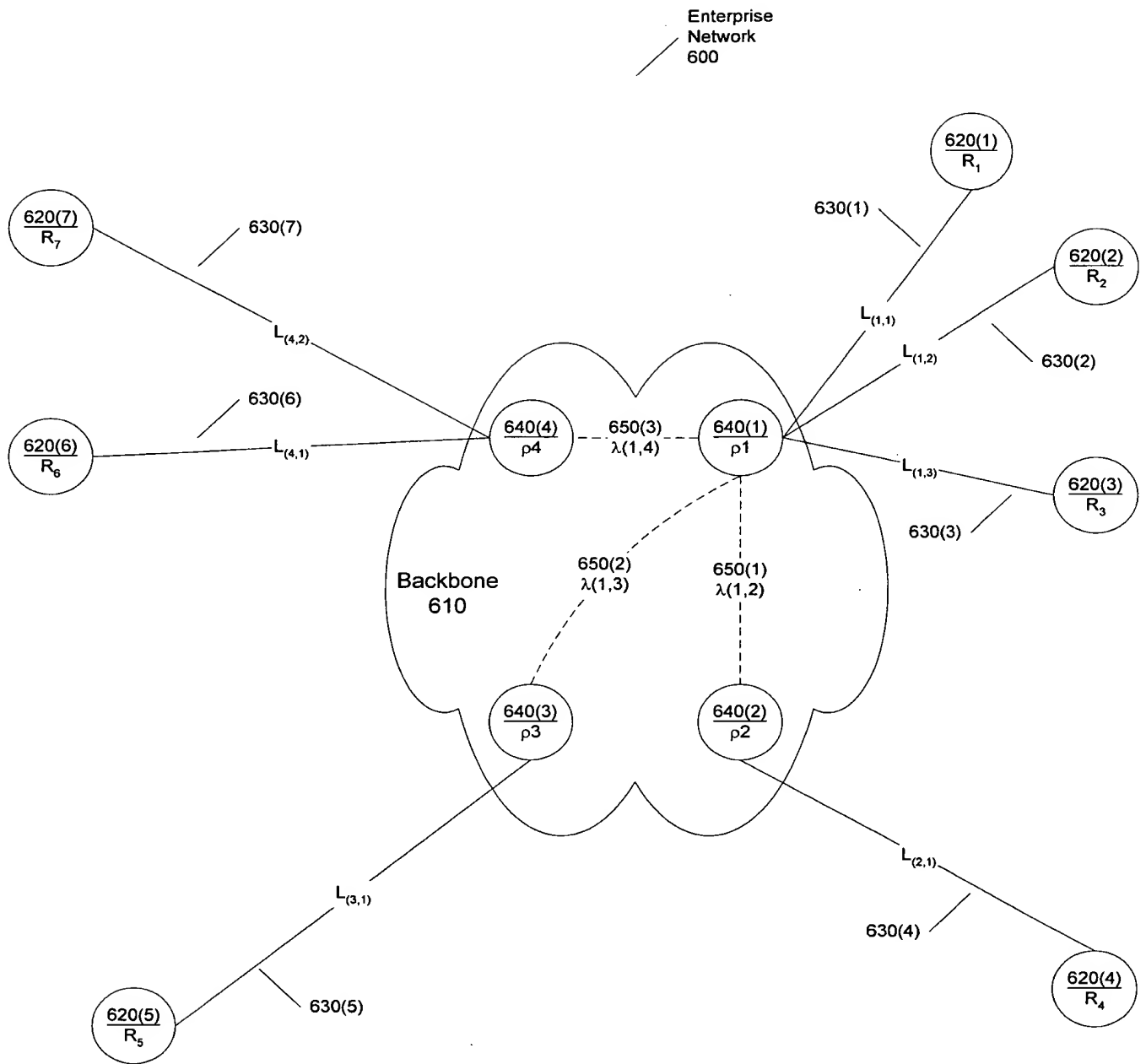


Fig. 6